

# EAST Search History — *ARC-9/6/2006*

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	(epoxy\$1reactive with epoxy\$1functional) and binder	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/14 10:25
S2	11	epoxy\$1reactive with epoxy\$1functional	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 06:45
S3	17	multi\$1ply and (paper adj towel) and crosslink\$3 and epoxy	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/13 11:12
S4	377	(paper adj towel) and crosslink\$3 and epoxy	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/16 06:48
S6	95	(paper adj towel) and crosslink\$3 and epoxy and (multi\$1layer or multiple adj layer)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/13 08:25

## EAST Search History

S7	153	("0118544" "0123963" "2624245" "20020107495" "20050004309" "20050025293" "20050045292" "3011545" "3017317" "3260778" "3301746" "3329556" "3359156" "3416192" "3426405" "3554863" "3630837" "3660338" "3686151" "3700623" "3772076" "3821068" "3879257" "3903342" "3926716" "3994771" "0031578" "4000237" "4072557" "4090385" "4125659" "4144122" "4158594" "4208459" "4326000" "4351699" "4440597" "4442833" "4483332" "4507173" "4528239" "4529480" "4529489" "4610743" "4637859" "4710374" "4785030" "4891249" "4919877" "4944960" "4949668" "4996091" "5124188" "5129988" "5143776" "5200036" "5312863" "5342875" "5366785" "5399412" "5429686" "5529664" "5529665" "5556509" "5593545" "5607551" "5637194" "5667636" "5672248" "5674590" "5709775" "5776312" "5804036" "5820730" "5830321" "5837103" "5840403" "5846379" "5855739" "5877239" "5893965" "5897745" "5904811" "5906710" "5908889" "5919556" "5935381" "5989682" "5990377" "6017417" "6039839" "6054020" "6063449" "6083346" "6096152" "6096169" "6103062" "6117270" "6117492" "6120642" "6126784" "6129815" "6136146" "6143135" "6187137" "6187139" "6187140" "6193847" "6197154" "6200419" "6228216" "6309527" "6387989" "6395957" "6410617" "6420013" "6423180" "6426121" "6462159" "6464831" "6465556" "6500289" "6506696" "6506821" "6534177" "6576091" "6586520" "6607630" "6610173" "6660362" "6727004" "6936316" "0007339" "0099388").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 15:13
S8	6	((("5494554") or ("20040007339") or ("20040031578") or ("20040099388") or ("20040118544") or ("20040123963")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/13 10:28
S9	5	((("6991706") or ("6461476") or ("6488812") or ("6196402") or ("6887350")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/13 10:53

## EAST Search History

S10	96	kymene\$12064 and airflex\$1426	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/13 11:46
S11	392	((carboxyl or carboxylated or \$4acrylic adj acid or epoxy\$1reactive) with polymer with (epichlorohydrin or epihalohydrin or glycidyl or epoxy\$1functional)) same binder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/13 12:03
S12	12	S11 and paper adj towel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/13 11:55
S13	243	S11 and (paper pr papermaking or towel\$4 or wipe or web or fibrous or mat)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/13 12:06
S14	67	"l18" and absorbent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/13 12:06
S15	821	"l18" and layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/13 12:05
S16	973	"l8" and absorbent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/13 12:06
S17	49	S11 and (paper pr papermaking or towel\$4 or wipe or web or fibrous or mat) and absorbent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/13 12:07
S18	49	S11 and (paper or papermaking or towel\$4 or wipe or web or fibrous or mat) and absorbent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/13 13:06
S19	2	((("5614597") or ("4505775"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/13 14:09

## EAST Search History

S20	5	((("3885158") or ("3899388") or ("4147586") or ("4222921") or ("4129528")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/13 14:10
S21	153	("0118544" "0123963" "2624245" "20020107495" "20050004309" "20050025293" "20050045292" "3011545" "3017317" "3260778" "3301746" "3329556" "3359156" "3416192" "3426405" "3554863" "3630837" "3660338" "3686151" "3700623" "3772076" "3821068" "3879257" "3903342" "3926716" "3994771" "0031578" "4000237" "4072557" "4090385" "4125659" "4144122" "4158594" "4208459" "4326000" "4351699" "4440597" "4442833" "4483332" "4507173" "4528239" "4529480" "4529489" "4610743" "4637859" "4710374" "4785030" "4891249" "4919877" "4944960" "4949668" "4996091" "5124188" "5129988" "5143776" "5200036" "5312863" "5342875" "5366785" "5399412" "5429686" "5529664" "5529665" "5556509" "5593545" "5607551" "5637194" "5667636" "5672248" "5674590" "5709775" "5776312" "5804036" "5820730" "5830321" "5837103" "5840403" "5846379" "5855739" "5877239" "5893965" "5897745" "5904811" "5906710" "5908889" "5919556" "5935381" "5989682" "5990377" "6017417" "6039839" "6054020" "6063449" "6083346" "6096152" "6096169" "6103062" "6117270" "6117492" "6120642" "6126784" "6129815" "6136146" "6143135" "6187137" "6187139" "6187140" "6193847" "6197154" "6200419" "6228216" "6309527" "6387989" "6395957" "6410617" "6420013" "6423180" "6426121" "6462159" "6464831" "6465556" "6500289" "6506696" "6506821" "6534177" "6576091" "6586520" "6607630" "6610173" "6660362" "6727004" "6936316" "0007339" "0099388").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 15:13
S22	6	S21 and binder with pattern	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 15:24
S23	11	tissue and multi\$1layer and (binder with ((inner or outer) adj surface))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 15:27

## EAST Search History

S24	661	tissue and multi\$1layer and ((adhesive or latex or starch or coating) with ((inner or outer) adj surface))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 15:28
S25	269	tissue and multi\$1layer and ((adhesive or latex) with ((inner or outer) adj surface))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/13 15:40
S26	1	("3879257").PN.	USPAT; USOCR	OR	OFF	2006/02/13 15:41
S27	2	Wo-9518165-\$.did.	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/13 15:43
S28	2	Wo-9620971-\$.did.	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/13 15:44
S29	2	((("6303672") or ("5648409"))).PN.	USPAT; USOCR	OR	OFF	2006/02/13 15:44
S30	7	"wet/dry tensile strength ratio"	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/14 10:51
S31	16	"wet/dry tensile strength ratio"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/14 10:53
S32	32	"wet/dry tensile strength"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/14 11:04
S33	608	"tensile strength ratio"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/14 11:04
S34	151	S33 and binder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/14 11:07
S35	79	S34 and cure\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/14 11:08

## EAST Search History

S36	79	S35 and (time or day or hour)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/14 11:10
S37	27	S35 and (day or days)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/14 11:18
S38	72	low adj temperature with curable with binder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/14 11:19
S39	33	S38 and strength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/14 11:19
S40	1	S39 and wet adj strength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/14 11:19
S41	5202	(162/123,124,135,136,158,164.3, 168.1-168.3,183,184,231).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/14 12:27
S42	5779	(162/123,124,135,136,158,164.3, 168.1-168.3,183,184,231).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/14 12:27
S43	6438	((106/31.02) or (427/208,208.6, 210,211,271,278,288,366,386, 395)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/14 12:28
S44	3120	((523/404,410,412,414) or (525/175,176,423)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/14 12:28
S45	15071	S42 or S43 or S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/14 12:28
S46	1	("20010024644").PN.	US-PGPUB	OR	OFF	2006/04/18 15:20

## EAST Search History

S47	388	(paper adj towel) and crosslink\$3 and epoxy	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 14:50
S48	51909	S47 and multi\$1layer or multiple adj layer	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 14:56
S49	43784	S47 and (carboxyl or anhydride or phenolic or isocyanate or alcohol) and poly(methyldiallylamine)-epichlorohydrin	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 14:58
S50	50917	S47 and (carboxyl or anhydride or phenolic or isocyanate or alcohol) and poly(methyldiallylamine)-epichlorohydrin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 14:59
S51	50741	S47 and (carboxyl or anhydride or phenolic or isocyanate or alcohol) and poly(methyldiallylamine)\$1epichlorohydrin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 14:59
S52	0	S47 and (carboxyl or anhydride or phenolic or isocyanate or alcohol) and "poly(methyldiallylamine)-epichlorohydrin"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:00
S53	2	(carboxyl or anhydride or phenolic or isocyanate or alcohol) and "poly(methyldiallylamine)-epichlorohydrin"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:02
S54	2	(carboxyl or anhydride or phenolic or isocyanate or alcohol) and (poly\$4yldiallylamine adj epi\$5ohydrin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:03
S55	5	(polymethyldiallylamine or polyalkyldiallylamine) adj (epichlorohydrin or epihalohydrin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:05
S56	3627	(aziridine and epoxy) and carboxyl\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:36

## EAST Search History

S57	1737	(aziridine with epoxy) and carboxyl\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:21
S58	1118	S57 and crosslink\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:21
S59	671	S58 and binder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:22
S60	8	S59 and (paper adj towel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:22
S61	1024	(aziridine and epoxy) same carboxyl\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:40
S62	483	S61 and binder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:39
S63	405	S62 and (cellulosic or fibrous or sheet or paper or web)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:40
S64	270	S63 and crosslink\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:40
S65	310	(aziridine and epoxy) same carboxyl\$2 same crosslink\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:41
S66	132	S64 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 15:49



## EAST Search History

S67	1	("20020062911").PN.	US-PGPUB	OR	OFF	2006/04/18 16:04
S68	1	("20040192136").PN.	US-PGPUB	OR	OFF	2006/04/18 16:06
S69	1	("20050045294").PN.	US-PGPUB	OR	OFF	2006/04/19 08:13
S70	345	(pendant adj epox\$3) and crosslink\$3 and (carboxyl\$2 or anhydride or phenolic or alcohol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 16:11
S71	299	S70 and (binder or coating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 16:11
S72	164	S71 and (paper or fibrous or cellulos\$2 or web)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/18 16:12
S73	374	(carboxylated with (acrylic or (vinyl adj acetate adj ethylene)) with polymer) and epox\$3	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 07:23
S74	83	(carboxylated near2 (acrylic or (vinyl adj acetate adj ethylene)) with polymer) and epox\$3	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 08:05
S75	14	(carboxylated near2 ((vinyl adj acetate) near2 ethylene) with polymer) and epox\$3	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:17
S76	1	(carboxylated near2 ((vinyl adj acetate) near2 ethylene) with polymer) and epox\$3 and crosslink	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 07:55
S77	12	(carboxylated near2 ((vinyl adj acetate) near2 ethylene) with polymer) and epox\$3 and (paper or cellulos\$2 or fiber or fibrous)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:19
S78	10	S77 and (binder or cured)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 07:58
S79	20	(carboxylated near2 (acrylic or (vinyl adj acetate adj ethylene)) with polymer) with binder	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 08:06

## EAST Search History

S80	7	(carboxylated near2 ((vinyl adj acetate) near2 ethylene) with polymer) with binder	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:20
S81	42	Kymene near2 "2064"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 08:21
S82	52	Airflex near2 "426"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/19 08:34
S83	1	("4128518").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 09:29
S84	1	("20050136516").PN.	US-PGPUB	OR	OFF	2006/04/19 09:34
S85	2	((("6087002") or ("4505981"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/19 09:34
S86	12	(carboxylated near2 ((vinyl adj acetate) near2 ethylene) with polymer) and epox\$3 and (paper or cellulos\$2 or fiber or fibrous)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:17
S87	21	(carboxylated near2 (acrylic or (vinyl adj acetate adj ethylene)) with polymer) with binder	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:17
S88	26	S86 or S87	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:17
S89	20	(carboxylated near2 ((vinyl adj acetate) near2 ethylene) with polymer) and epox\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:30
S90	18	(carboxylated near2 ((vinyl adj acetate) near2 ethylene) with polymer) and epox\$3 and (paper or cellulos\$2 or fiber or fibrous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:20
S91	8	(carboxylated near2 ((vinyl adj acetate) near2 ethylene) with polymer) with binder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:21

## EAST Search History

S92	21	S89 or S90 or S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 13:21
S93	2	((carboxylated near2 ((vinyl adj acetate) near2 ethylene) with polymer) and epox\$3 and (cross adj link\$3)).CLM.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/06 15:26
S94	233	(162/127).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/06 15:26